CAUTION:

1. This product is suitable for 12V power
2. Please consult a certified installer to install product
3. The wire harness must avoid high temperature and high pressure location
4. Any exposed wire must be insulated properly
5. Check functions and test the device after installation

RYDEEN®
find your road

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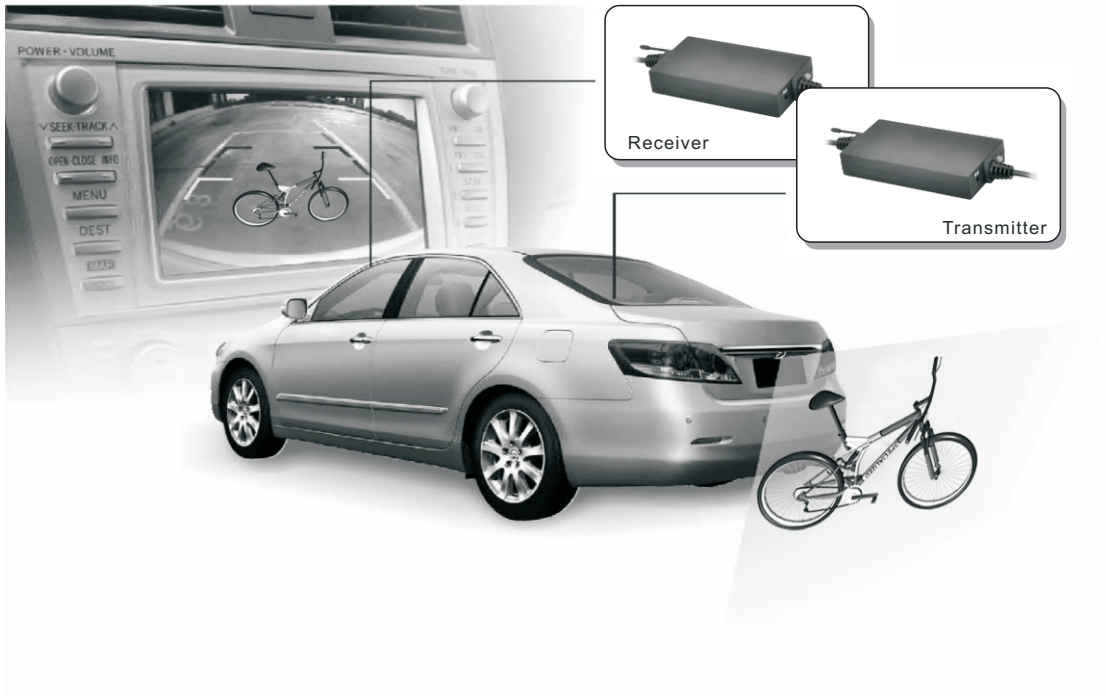
Wireless Installation Kit
For Back Up Camera
Model:DG240

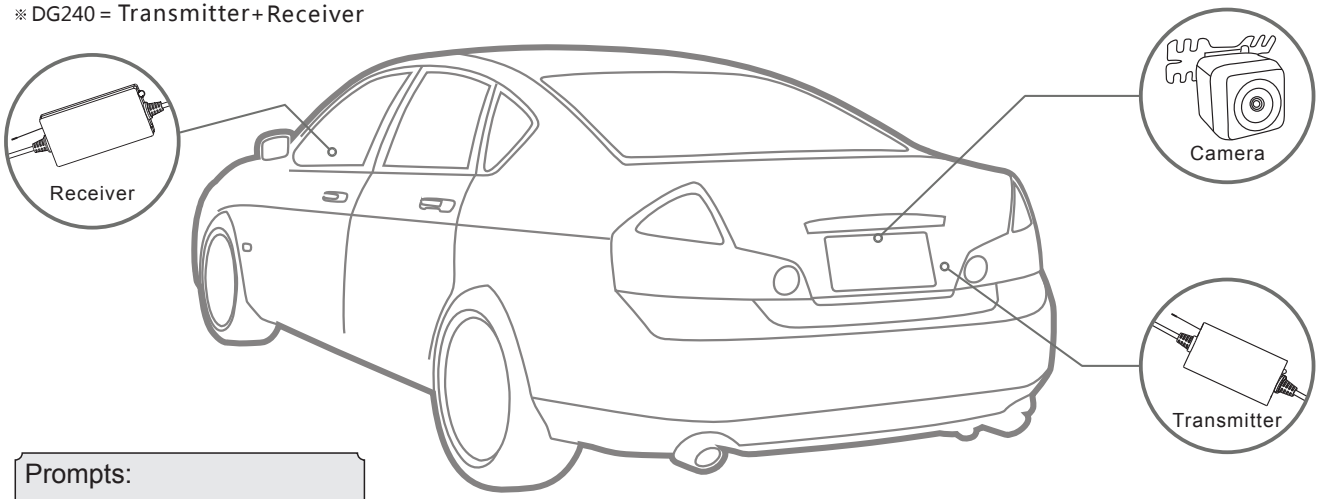
Installation/User's Manual



Quick Start Guide

Model: DG240

※DG240 = Transmitter+Receiver



Prompts:

1. This product is suitable for 12V power
2. Please find a certified installer to install the product
3. The wire harness must avoid high temperature and high pressure location
4. Any exposed wire must be insulated

①Packing List:

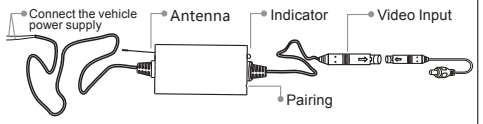
Wireless Transmitter box:1
Wireless receiver:1
RCA video to camera cable Adaptor:1
Male to Female RCA Cable:1

②Specifications:

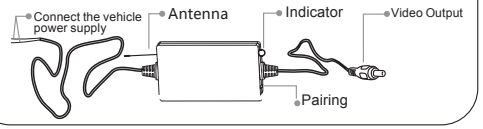
Camera	Image Sensor	1/4" CMOS
	Effective Pixels	656 X 488
	Video Format	NTSC/PAL
	View Angle	80°(NTSC), 82°(PAL)
	Minimum illumination	<0.5 Lux
	Video output	1Vp-p±0.2@75Ω
	Power Supply	DC12V±0.5V
	Consumption Current	65mA±10
	Waterproof Capacity	IP66
Transmitter	Transmitter Frequency	2400~2483.5MHz
	Data Bandwidth	4.4 (20dB BW)
	Modulation/Demodulation Mode	16QAM , QPSK , BPSK
	Transmitter Power	+14dBm@16QAM EVM 5% , +18dBm@QPSK EVM 8%
	Receiving Sensitivity	-72dBm@QAM, -85dBm@QPSK
	Unobstructed Effective Range	50M (MAX.)
	Power Supply	DC 12~24V
	Consumption Current	DC 12V@250mA; DC24V@150mA
	Dimensions (W X D X H)	66 X 35 X 12mm
	Weight	60克
Receiver	Transmission Frequency	2400~2483.5MHz
	Data Bandwidth	4.4 (20dB BW)
	Modulation/Demodulation Mode	16QAM , QPSK , BPSK
	Transmission Power	+14dBm@16QAM EVM 5% , +18dBm@QPSK EVM 8%
	Receiving Sensitivity	-72dBm@QAM, -85dBm@QPSK
	Unobstructed Effective Range	50M (MAX.)
	Power Supply	DC 12~24V
	Video output	1Vp-p±0.2
	Dimensions (W X D X H)	66 X 35 X 12mm
	Weight	60g
	Operation Temperature	-10°C~+50°C/14°F~122°F
	Operation Humidity	15%~85%RH

③Product Structure:

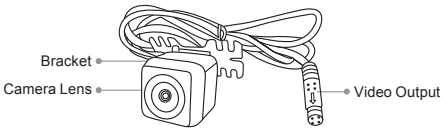
Wireless Transmitter box



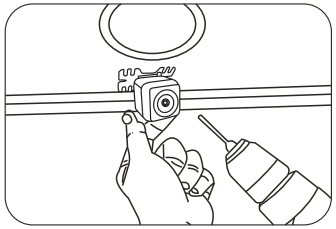
Wireless Receiver



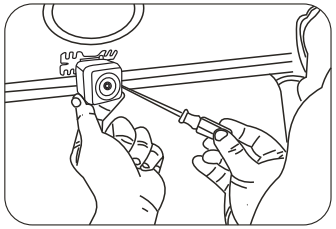
Wired Camera



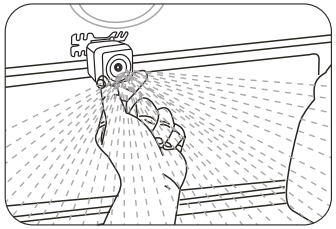
④ Installation Wired Camera:



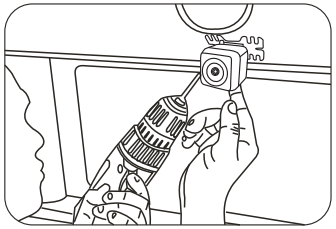
1. In the proper position of rear license plate drill a screw hole for mounting screw.



2. Use a screwdriver to the first screw is screwed into the screw hole of the drilled.



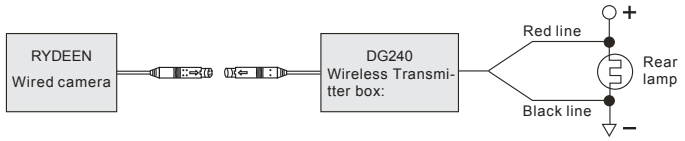
3. Move the camera angle to adjust the display image.



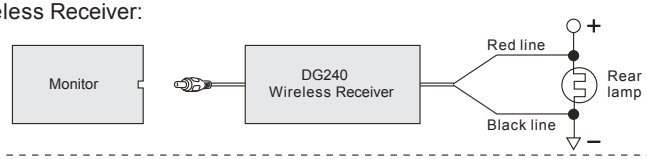
4. After adjustments, mount and tighten the 2nd screw to secure the camera

⑤ Wiring diagram and pairing set up:

Wired camera+Wireless Transmitter box:



Wireless Receiver:



Pairing: After devices have been succesfully connected, press and hold the pair button on the wireless Transmitter box for 3 seconds, indicator light starts to flash. Then in 30 seconds, to press and hold the pair button on the wireless receiver for 3 seconds, until the indicator light flashes, equipment began to pair. Until the indicator light stops flashing, you can view image in the corresponding display equipment.